

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E82669

Participation : CTR

Employer : US Army Corp of Engineers

Status : Affected

Worksite : US Army Corp of Engineers

Survey Type : Online

Street : 4735 East Marginal Way S

Response Rate : 53%

Jurisdiction : City of Seattle

Survey Date : 11/12/2017

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 38.2%

Drive Alone Rate : 61.8%

One-Way VMT per employee : 12.8

Average One-Way distance home to work : 18.9

Employees and Survey Response Information

Reported Total Employees at Worksite: 460

Surveys Distributed : 460

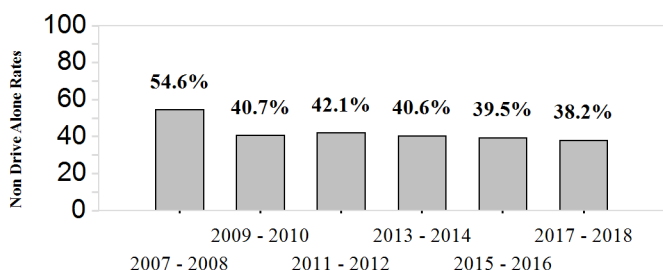
Surveys Returned : 245

Surveys Returned by CTR Affected* Employees : 234

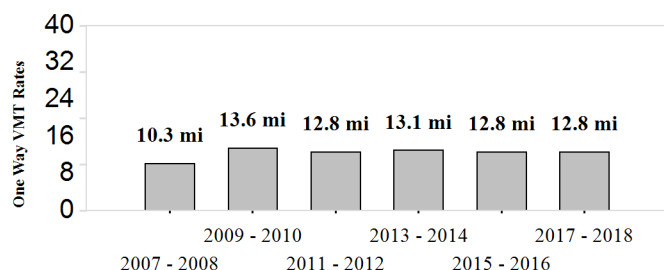
Total Estimated CTR Affected Employees at Worksite : 439

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

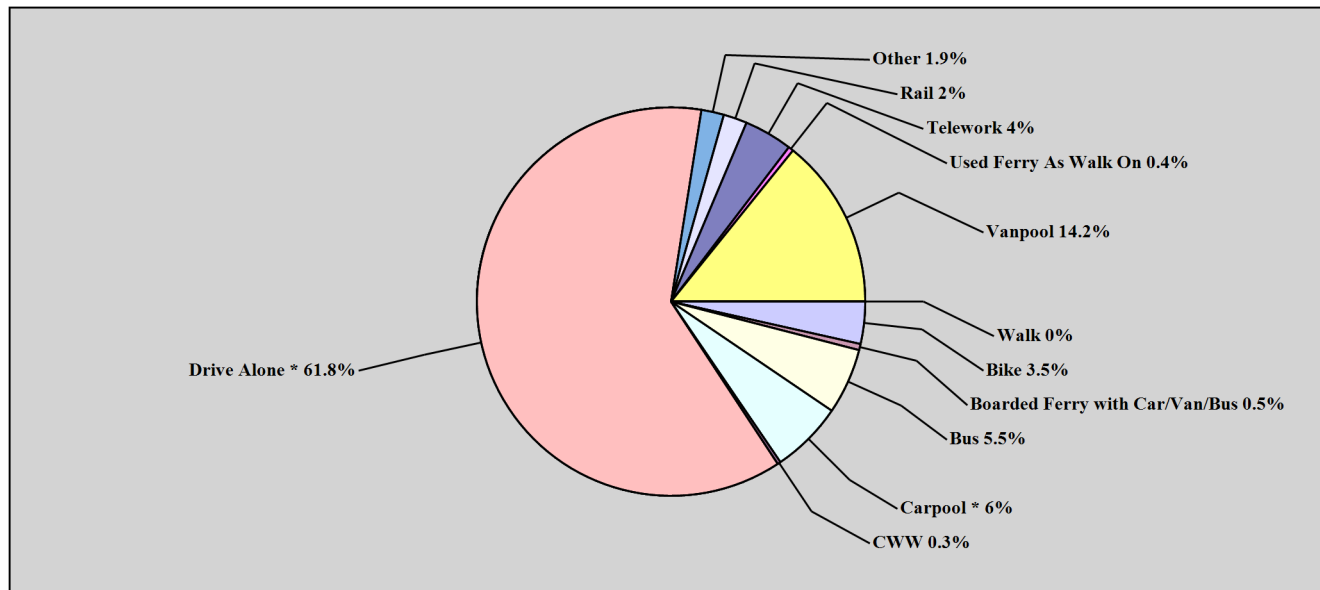
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	54.6%	54.3%	301	929	17.8	10.3	10.3
2009 - 2010	40.7%	41.7%	782	1632	31.3	13.6	13.6
2011 - 2012	42.1%	42.8%	1056	2122	40.7	12.8	12.7
2013 - 2014	40.6%	40.9%	1251	1757	33.7	13.1	13.1
2015 - 2016	39.5%	39.4%	804	1068	20.5	12.8	12.7
2017 - 2018	38.2%	38.0%	664	1247	23.9	12.8	13.0
Target	37.0%				Target:	N/A	
% Point Change Target:	-17.6				% Change Target:	N/A	
% Point Change from Baseline:	-16.4				% Change from Baseline:	24.3%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



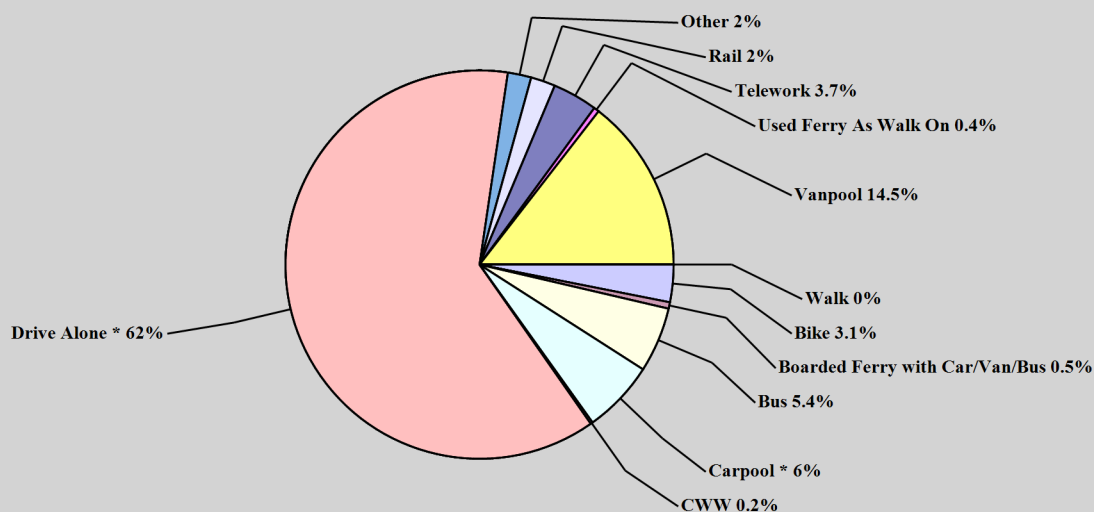
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	722	61.8%	60.5%	175	71.4%	70.7%
Carpool *	70	6.0%	6.8%	22	9.0%	9.1%
Vanpool	166	14.2%	13.3%	39	15.9%	14.5%
Bus	64	5.5%	5.8%	18	7.3%	9.1%
Rail	23	2.0%	2.0%	6	2.4%	2.5%
Bike	41	3.5%	4.0%	13	5.3%	5.7%
Walk	0	0.0%	0.1%	0	0.0%	0.3%
Telework	47	4.0%	4.2%	34	13.9%	14.2%
CWW	3	0.3%	0.0%	3	1.2%	0.0%
Boarded Ferry with Car/Van/Bus	6	0.5%	1.3%	3	1.2%	1.3%
Used Ferry As Walk On	5	0.4%	0.2%	1	0.4%	0.6%
Other	22	1.9%	2.0%	7	2.9%	3.8%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	698	62.0%	60.6%	168	71.8%	70.9%
Carpool *	68	6.0%	6.5%	21	9.0%	8.7%
Vanpool	163	14.5%	13.5%	38	16.2%	14.9%
Bus	61	5.4%	5.9%	17	7.3%	9.4%
Rail	23	2.0%	2.0%	6	2.6%	2.6%
Bike	35	3.1%	3.9%	11	4.7%	5.5%
Walk	0	0.0%	0.1%	0	0.0%	0.3%
Telework	42	3.7%	3.9%	30	12.8%	13.6%
CWW	2	0.2%	0.0%	2	0.9%	0.0%
Boarded Ferry with Car/Van/Bus	6	0.5%	1.3%	3	1.3%	1.3%
Used Ferry As Walk On	5	0.4%	0.2%	1	0.4%	0.6%
Other	22	2.0%	2.0%	7	3.0%	3.9%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	126	51%	245	100%
1 Days	18	7%	119	49%
2 Days	10	4%	101	41%
3 Days	20	8%	91	37%
4 Days	10	4%	71	29%
5 Days	58	24%	61	25%
6 or More Days	3	1%	3	1%

Count by Occupancy of Carpools and Vanpools

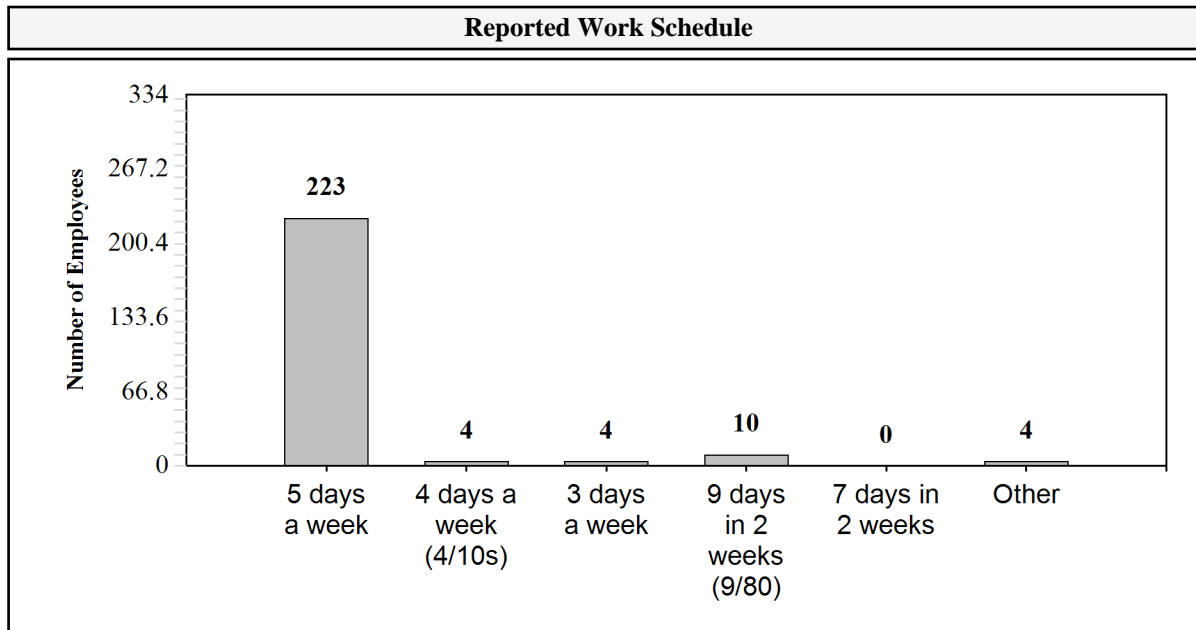
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	66
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	4
<5	Vanpool	33
5	Vanpool	66
6	Vanpool	48
7	Vanpool	19
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

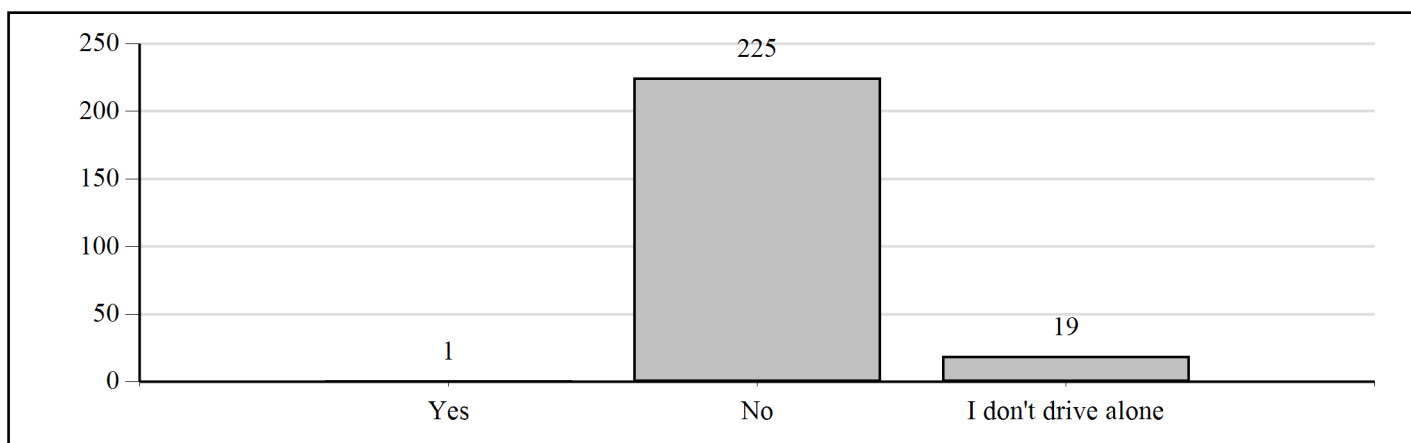
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	223	91%
4 days a week (4/10s)	4	1.6%
3 days a week	4	1.6%
9 days in 2 weeks (9/80)	10	4.1%
7 days in 2 weeks	0	0%
Other	4	1.6%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	74	30.2%
Occasionally, on an as-needed basis	129	52.7%
1-2 days/month	19	7.8%
1 day/week	18	7.3%
2 days/week	4	1.6%
3 days/week	1	0.4%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Free or subsidized bus, train, vanpool pass or fare benefit	89	16.4%
Personal health or well-being	80	14.7%
I have the option of teleworking	70	12.9%
To save money	65	11.9%
Environmental and community benefits	62	11.4%
To save time using the HOV lane	57	10.5%
Other	41	7.5%
Financial incentives for carpooling, bicycling or walking.	34	6.3%
Driving myself is not an option	32	5.9%
Cost of parking or lack of parking	6	1.1%
Emergency ride home is provided	5	0.9%
Preferred/reserved carpool/vanpool parking is provided	3	0.6%
I receive a financial incentive for giving up my parking space	0	0.0%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	186	29.5%
I like the convenience of having my car	132	21.0%
Family care or similar obligations	117	18.6%
Other	69	11.0%
Bicycling or walking isn't safe	60	9.5%
My commute distance is too short	38	6.0%
I need more information on alternative modes	15	2.4%
My job requires me to use my car for work	13	2.1%
There isn't any secure or covered bicycle parking	0	0.0%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98117	11	4.49%	25	5	0	0	10	0	9	0	2	0	0	0	0
98116	10	4.08%	47	2	0	0	0	0	2	0	0	1	0	0	0
98166	10	4.08%	20	9	0	0	8	0	0	0	0	0	0	0	0
98103	9	3.67%	38	0	0	0	6	0	0	0	0	0	0	0	0
98106	8	3.27%	27	8	0	0	0	0	1	0	2	0	0	0	0
98031	7	2.86%	26	1	0	0	2	1	0	0	1	0	0	0	0
98032	7	2.86%	27	0	0	2	3	0	0	0	1	0	0	0	1
98126	6	2.45%	22	2	0	0	2	0	0	0	0	0	0	0	3
98168	6	2.45%	28	0	0	0	0	0	1	0	0	0	0	0	0
98198	6	2.45%	28	0	0	0	0	0	0	0	0	1	0	0	0
98023	5	2.04%	6	3	10	0	0	0	0	0	0	0	0	0	5
98003	4	1.63%	5	0	10	0	5	0	0	0	0	0	0	0	0
98006	4	1.63%	1	10	9	0	0	0	0	0	0	0	0	0	0
98058	4	1.63%	20	0	0	0	0	0	0	0	0	0	0	0	0
98133	4	1.63%	16	1	3	0	0	0	0	0	0	0	0	0	0
98144	4	1.63%	11	0	0	0	0	0	7	0	0	0	0	0	0
98146	4	1.63%	10	3	0	0	5	0	0	0	2	0	0	0	0
98155	4	1.63%	15	0	1	0	0	0	0	0	0	0	0	0	0
98199	4	1.63%	17	2	0	0	0	0	0	0	1	0	0	0	0
98001	3	1.22%	7	0	7	0	0	0	0	0	0	0	0	0	0
98034	3	1.22%	13	0	0	0	0	0	0	0	2	0	0	0	0
98037	3	1.22%	3	0	12	0	0	0	0	0	0	0	0	0	0
98040	3	1.22%	12	0	0	0	0	0	0	0	1	0	0	0	0
98056	3	1.22%	5	10	0	0	0	0	0	0	0	0	0	0	0
98059	3	1.22%	10	0	0	0	0	0	0	0	0	0	0	0	0
98110	3	1.22%	0	0	0	0	0	0	10	0	1	0	0	0	5



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98115	3	1.22%	14	0	0	0	1	0	0	0	0	0	0	0	0
98118	3	1.22%	15	0	0	0	0	0	0	0	0	0	0	0	0
98136	3	1.22%	11	0	0	0	0	0	4	0	0	0	0	0	0
98188	3	1.22%	15	0	0	0	0	0	0	0	0	0	0	0	0
98373	3	1.22%	1	0	5	0	0	5	0	0	0	0	0	0	0
98499	3	1.22%	0	0	5	0	5	0	0	0	5	0	0	0	0
98022	2	0.82%	1	5	0	0	0	0	0	0	2	0	0	0	0
98026	2	0.82%	2	0	0	6	0	0	0	0	1	0	0	0	2
98029	2	0.82%	6	0	0	0	3	0	0	0	0	0	0	0	0
98036	2	0.82%	0	0	11	0	0	0	0	0	0	0	0	0	0
98043	2	0.82%	7	0	3	0	0	0	0	0	0	0	0	0	0
98052	2	0.82%	9	0	0	0	1	0	0	0	0	0	0	0	0
98055	2	0.82%	10	0	0	0	0	0	0	0	0	0	0	0	0
98075	2	0.82%	5	0	0	0	0	0	0	0	2	0	0	0	0
98087	2	0.82%	5	0	3	0	0	0	0	0	1	0	0	0	0
98105	2	0.82%	10	0	0	0	0	0	0	0	0	0	0	0	0
98107	2	0.82%	0	0	0	0	5	0	5	0	0	0	0	0	0
98108	2	0.82%	8	0	0	0	0	0	2	0	0	0	0	0	0
98121	2	0.82%	5	0	0	0	5	0	0	0	0	0	0	0	0
98125	2	0.82%	9	0	0	0	0	0	0	0	1	0	0	0	0
98203	2	0.82%	0	0	10	0	0	0	0	0	0	0	0	0	0
98321	2	0.82%	7	0	0	0	0	0	0	0	2	0	1	0	0
98327	2	0.82%	5	0	5	0	0	0	0	0	0	0	0	0	0
98407	2	0.82%	2	3	0	0	0	3	0	0	2	0	0	0	0
98445	2	0.82%	5	0	0	0	0	4	0	0	1	0	0	0	0
98516	2	0.82%	4	0	5	0	0	0	0	0	0	0	0	0	0
09372	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98004	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98005	1	0.41%	4	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98007	1	0.41%	4	0	0	0	0	0	0	0	1	0	0	0	0
98019	1	0.41%	2	0	2	0	0	0	0	0	1	0	0	0	0
98021	1	0.41%	0	0	5	0	0	0	0	0	0	0	0	0	0
98027	1	0.41%	2	3	0	0	0	0	0	0	0	0	0	0	0
98033	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98038	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98042	1	0.41%	6	0	0	0	0	0	0	0	0	0	0	0	0
98045	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98057	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98065	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98072	1	0.41%	2	2	0	0	0	0	0	0	1	0	0	0	0
98074	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98077	1	0.41%	0	0	0	0	3	0	0	0	2	0	0	0	0
98092	1	0.41%	0	0	4	0	0	0	0	0	1	0	0	0	0
98102	1	0.41%	3	0	0	0	0	0	0	0	0	0	0	0	0
98134	1	0.41%	0	0	0	0	0	5	0	0	0	0	0	0	0
98148	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98177	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98178	1	0.41%	0	0	0	0	0	0	0	0	0	0	0	0	0
98201	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98208	1	0.41%	4	0	0	0	0	0	0	0	1	0	0	0	0
98223	1	0.41%	0	0	5	0	0	0	0	0	0	0	0	0	0
98233	1	0.41%	0	0	5	0	0	0	0	0	0	0	0	0	0
98249	1	0.41%	4	0	0	0	0	0	0	0	1	0	0	0	0
98258	1	0.41%	0	0	4	0	0	0	0	0	1	0	0	0	0
98270	1	0.41%	0	0	5	0	0	0	0	0	0	0	0	0	0
98273	1	0.41%	0	0	5	0	0	0	0	0	0	0	0	0	0
98292	1	0.41%	0	0	5	0	0	0	0	0	0	0	0	0	0
98296	1	0.41%	0	0	5	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98310	1	0.41%	0	0	0	0	0	0	0	0	0	0	2	5	0
98311	1	0.41%	1	0	0	0	0	0	0	0	1	0	3	0	0
98333	1	0.41%	2	0	0	0	0	0	0	0	2	1	0	0	0
98359	1	0.41%	0	0	0	5	0	0	0	0	0	0	0	0	0
98360	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98366	1	0.41%	0	0	0	5	0	0	0	0	0	0	0	0	0
98367	1	0.41%	0	0	0	0	0	0	0	0	0	0	0	0	5
98374	1	0.41%	0	0	5	0	0	0	0	0	0	0	0	0	0
98387	1	0.41%	0	1	4	0	0	0	0	0	0	0	0	0	0
98391	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98404	1	0.41%	0	0	4	0	0	0	0	0	1	0	0	0	0
98405	1	0.41%	0	0	0	0	0	5	0	0	0	0	0	0	0
98422	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98424	1	0.41%	4	0	0	0	0	0	0	0	0	0	0	0	0
98506	1	0.41%	0	0	2	0	0	0	0	0	2	0	0	0	1
98512	1	0.41%	1	0	4	0	0	0	0	0	0	0	0	0	0
98597	1	0.41%	0	0	3	0	0	0	0	0	2	0	0	0	0